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Page 1 of 2

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PATENT AND TRADEMARK OFFICE

346715-0626

10/589,405

## INFORMATION DISCLOSURE CITATION

APPLICANT

BABICH et al.

FILING DATE

2/14/2005

GROUP ART UNIT

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	A1	20030235843	12/25/2003	Babich et al.	435	6	3/11/2003
	A2	20020061599	5/23/2002	Elling et al.	436	518	12/29/2000

## FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
						YES NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	C1	Abufarag et al.; "Zinc Complexes of the Ligand Dipicolylglycine", Inorganic Chemistry 34(8): 2207-2216, (1995)
	C2	Alberto et al.; "Application of Technetium and Rhenium Carbonyl Chemistry to Nuclear Medicine: Preparation of [Net 4] 2 [TcC <sub>13</sub> (CO) <sub>3</sub> ] From [NBU4][TcO <sub>4</sub> ] and Structure of [NET 4][Tc <sub>2</sub> (μ-Cl) <sub>3</sub> (CO) <sub>6</sub> ]; Structures of the Model Complexes [Net <sub>4</sub> ][Re <sub>2</sub> (μ-OEt) <sub>2</sub> (μ-OAc)(CO) <sub>6</sub> ] and [ReBr{-CH <sub>2</sub> S(CH <sub>2</sub> ) <sub>2</sub> Cl} <sub>2</sub> (CO) <sub>3</sub> ]", Transition Met. Chem. 22: 597-601, (1997)
	C3	Alberto et al.; "A Novel Organometallic Aqua Complex of Technetium for the Labeling of Biomolecules: Synthesis of [ <sup>99m</sup> Tc (OH <sub>2</sub> ) <sub>3</sub> (CO) <sub>3</sub> ] <sup>+</sup> from [ <sup>99m</sup> TcO <sub>4</sub> ] <sup>-</sup> Aqueous Solution and Its Reaction with a Bifunctional Ligand", J. Am. Chem. Soc. 120: 7987-7988, (1998)
	C4	Banerjee et al.; "{Re <sup>III</sup> Cl <sub>3</sub> } Core Complexes with Bifunctional Single Amino Acid Chelates", Inorganic Chemistry 41(22): 5795-5802, (2002)
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	C6	Cox et al.; "Catecholate LMCT Bands as Probes for the Active Sites of Nonheme Iron Oxygenases", J. Am. Chem. Soc. 110: 2026-2032, (1988)
	C7	Davidson et al.; "A New class of Oxotechnetium (5+) Chelate Complexes containing a TcON <sub>2</sub> S <sub>2</sub> Core", Inorganic Chemistry 20(6): 1629-1632, (June 1981)
	C8	Hom and Katzenellenbogen. "Technetium-99m-Labeled Receptor-Specific Small Molecule Radiopharmaceuticals: Recent Developments and Encouraging Results", Nuclear Medicine & Biology 24: 485-498, (1997)
	C9	Kung et al.; "Synthesis and Biodistribution of Neutral Lipid-soluble Tc- <sup>99m</sup> Complexes that Cross the Blood-Brain Barrier", The Journal of Nuclear Medicine 25: 326-332, (1984)
	C10	Kung et al.; "Synthesis of New Bis(aminoethanethiol) (BAT) Derivatives: Possible Ligands for <sup>99m</sup> Tc Brain Imaging Agents", J. Med. Chem. 28: 1280-1284, (1985)

\* **EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include any copy of this form with next communication to applicant.

/D. L. Jones/

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Page 2 of 2

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**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

C11	Kung et al.; "New Tc-99 Complexes Based on N <sub>2</sub> S <sub>2</sub> Ligands", The Journal of Nuclear Medicine 28(6): 1051 (Abstract No. 719), (June 1986)
C12	La Bella et al.; "In Vitro and in Vivo Evaluation of <sup>99m</sup> Tc(I)-labeled bombesin analogue for imaging of gastrin releasing peptide receptor-positive tumors", Nuclear Medicine and Biology 29(5): 553-560, (2002)
C13	Maresca et al.; "Synthesis and Characterization of a Binuclear Rhenium Nitropyrzole Complex [Re <sub>2</sub> O <sub>3</sub> Cl <sub>2</sub> (PPh <sub>3</sub> ) <sub>2</sub> (C <sub>3</sub> H <sub>2</sub> V <sub>3</sub> O <sub>2</sub> ) <sub>2</sub> ]", Inorganica Chimica Acta 260: 83-88, (1997)
C14	Maresca et al.; "Cationic Complexes of the '3 + 1' Oxorhenium- Thiolate Family", Inorganica Chimica Acta 297: 98-105, (2000)
C15	Nelson et al.; "Strong-Field Nonconjugated Polyamine Ligand: Low-Spin Iron(II) and High-Spin Nickel(II) Complexes", J. Chem. Soc. (A), pp. 272-276, (1968)
C16	Nicholson et al.; "The Synthesis and Characterization of [MCl <sub>3</sub> (N=NC <sub>5</sub> H <sub>4</sub> NH) (HN=NC <sub>5</sub> H <sub>4</sub> N) ] from [Mo <sub>4</sub> ] <sup>-</sup> (Where M= Re, Tc) Organodiazenido, Organodiazene-Chelate Complexes. The X-Ray Structure of [ReCl (N=NC <sub>5</sub> H <sub>4</sub> NH) (HN=NC <sub>5</sub> H <sub>4</sub> N)], Inorganica Chimica Acta 252: 421-426, (1996)
C17	Okuno et al.; "Oxidation of cyclohexane with hydrogen peroxide catalysed by copper(II) complexes containing N,N-bis(2-pyridylmethyl)- β -alanineamide ligands", Polyhedron 16(21): 3765-3774, (1997)
C18	Reedijk, J.; "Medicinal Applications of Heavy-Metal Compounds", Current Opinion Chemical Biology 3: 236-240, (1999)
C19	Rose et al.; "Synthesis and Characterization of Organohydrazino Complexes of Technetium, Rhenium, and Molybdenum with the {M(η <sup>1</sup> -HxNNR) (η <sup>2</sup> -Hy NNR)} Core and their Relationship to Radiolabeled Organohydrazine-Derivatives Chemotactic Peptides with Diagnostic", Inorg. Chem. 37: 2701-2716, (1998)
C20	Salmain et al.; "Labeling of Proteins by Organometallic Complexes of Rhenium (I). Synthesis and Biological Activity of the Conjugates", Bioconjugate Chem. 4: 425-433, (1993)
C21	Schibli et al.; "Influence of the Denticity of Ligand Systems on the in Vitro and in Vivo Behavior of <sup>99m</sup> Tc(I)-Tricarbonyl Complexes: A Hint for the Future Functionalization of Biomolecules", Bioconjugate Chemistry 11(3): 345-351, (2002)
C22	Van Staveren et al.; "Spectroscopic Properties, Electrochemistry, and Reactivity of Mo <sup>0</sup> , Mo <sup>I</sup> , and Mo <sup>II</sup> Complexes with the [Mo (bpa) (CO) <sub>3</sub> ] Unit [bpa = bis (2-picoly)amine] and their Application for the Labelling of Peptides", Europ. J. Inorg. Chem., pp. 1518-1529, (2002)
C23	International Search Report for PCT/US05/04407 mailed June 29, 2005
C24	International Search Report for PCT/US05/04448 mailed July 6, 2005

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